Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

DBR No 21/17-18
DATED 30/6/2017

No: 1st and Final Bill Date.....2016

Division: **Project** Sub-Division: **Project**

Bill Received No. Dated Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Work Code: 005-17-000005

Schedule Docket No. Head of Account: Est.Cost: **100.00 Lacs**

Name of Work: **Extension of Reva College Road upto CISF compound (BBMP limits)**

Name of Contractor and Full Address: **Sri.Sathish(M/s Sathya Constructions)**

Reference to Agreement No.**02/2015-16** Date: **20-02-2017**

Certified that the measurements were taken by me on 16/6/17 and recorded of Pages 136039 to 136051 of measurement Book No. 76/0910 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 16/6/2017 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer
Asst. Executive Engineer 16/6
Project Division
Yelahanka Zone
Banc

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	1st Part:	95,32,426.00
2) Deduct amount to be held in reserve being .....percent Rs.....	1% SD:	95,324.00
3) " Balance	4% VAT:	3,81,297.00
4) Deduct Payment:	1% CESS:	95,324.00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted	0.1% CBF:	9,532.00
towards cash advance recovery of	I-R:	2,57,506.00
Payments cost store or other material supplied.		
New made recovery of amount creditable to this/other work		
Amount paid on this bill Cheque / Cash.		
5) Balance being unpaid value of work done held in reserve.	T/D	8,38,980.00
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.	Payable:	86,93,446.00
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted		

A.S. Deepika 6084. 16/6

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Audited & Admitted for Rs. 95,32,426/-
(For use in the Office)

Witness
1.
2.

Stamp

86,93,446/- by Cheque and Rs. 8,38,980/- by Adjustment

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Accts. Supdt. 30/6/16
Project Division
B.B.M.P.

Executive Engineer
Project Division
B.B.M.P.
30/6

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work : Extension of Reva College Road upto CISF compound (BBMP limits)

ABSTRACT

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB M200-12.1. Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications.111) KSRRB M200-12.3. –do– C. Prestressed / Reinforced cement concrete grade M-20 & above.MORTH specification No.202 with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	23.15	954.72	22096.99	–	–	23.15	954.72	22096.99	23.15	22096.99
2	KSRRB M200-14.1. Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. KSRRB M200-14.2. –do– Dismantling brick/Tile work B. In cement mortar. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	619.28	226.80	140451.57	–	–	619.28	226.80	140451.57	619.28	140451.57

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
3	KSRRB M200-15.1. Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. KSRRB M200- 15.2. –do– B. Rubble stone masonry in cement mortar. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	333.00	226.80	75524.40	–	–	333.00	226.80	75524.40	333.00	75524.40
4	KSRRB M200-15.1. Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete asper specifications.– v) KSRRB M200-17.1.Steel work in all types of Sections uptoa Height of 5 m above plinth level excluding Cutting of Rivet. –A.Including dismembering." with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	20.10	1150.00	23115.00	–	–	20.07	1150.00	23080.50	20.07	23080.50
5	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms). with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	166.50	50.76	8451.54	–	–	166.50	50.76	8451.54	166.50	8451.54
6	KSRRB M200-23.1. Dismantling of flexible pavements and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. II. By Mechanical Means: A. Bituminous courses. MORTH Specification No. 202 with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	138.60	470.88	65263.97	–	–	138.39	470.88	65165.08	138.39	65165.08

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
7	Hire Charges of JCB, with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Day	90.00	6720.00	604800.00	–	–	90.00	6720.00	604800.00	90.00	604800.00
8	Hire Charges of Tipper, with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Day	150.00	1920.00	288000.00	–	–	150.00	1920.00	288000.00	150.00	288000.00
9	KSRRB M300-11. Excavation for road way in soil by mechanical means including cutting and pushing the earth to site of embankment upto a including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sectins complete as per specifications . with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	1047.82	193.75	203014.35	–	–	1047.11	193.75	202876.59	1047.11	202876.59
10	KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murrum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory roller) MORTH Specification No. 305 with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	698.54	252.72	176536.04	–	–	698.07	252.72	176416.25	698.07	176416.25
11	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. For Grading II Material. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	523.91	1298.16	680116.41	–	–	523.55	1298.16	679651.66 679654.91	523.55	679651.66 679654.91

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
12	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	523.91	1500.00	785862.00	–	–	523.55	1500.00	785325. 785328.75	523.55	785325. 785328.75
13	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	3492.72	35.21	122978.67	–	–	3490.35	35.21	122895.22	3490.35	122895.22
14	KSRRB M500-7. Providing and applying tack coat on the prepared black topped surfaces at 2.5 Kg per 10 Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	6985.44	18.74	130907.15	–	–	6980.70	18.74	130818.32	6980.70	130818.32

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
15	KSRRB 500-16. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base or binding coarse including loading of aggregates with F.e loader hotmixing of stone aggregates and bitumen in hotmix plant 40 Tonnes capacity, transporting the mixed material in tipper To paver and laying with paver finisher To the required grade rolling by power roller To aachieve the desired density, 50x75mm compacted thickness with 3.3% bitumen but excluding cost of primer or tack coat with lead upTo 1km including cost of all materials, labour as per specifications With 60/70 grade bitumen with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	174.64	7482.24	1306668.46	–	–	174.52	7482.24	1305781.82	174.52	1305781.82
16	Providing and laying bituminous concrete 40mm thick with 100-120 TPH batch type hot mix plant producing as average output of 75 Tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 To 5.6% 5.00 of mix and filler, transporting the hot mix To work site, laying with a hydrostatic paver finisher with sensor control To the required grade, level and alignment, rolling with smooth wheeled, vibraTory and tandem rollers To achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects, with 40 mm compacted thickness (Grading II) with 6% Bitumen 60/70 grade using 40-60 HMP using mechanical paver with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	139.71	12000.00	1676505.60	–	–	139.61	12000.00	1675368.00	139.61	1675368.00

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
17	KSRRB M800-13. Providing and Laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.MORTH Specification No. 803 Road Marking with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	148.50	475.20	70567.20	–	–	148.50	475.20	70567.20	148.50	70567.20
18	Cost of Plastic@ 8% of bitumen qty For Bituminous concrete with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Nos	3137.40	27.00	84709.78	–	–	3134.08	27.00	84620.08	3134.08	84620.08
19	KSRRB 300 - 1 : Earthwork excavation by manulal means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / chapter 3 with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	428.22	171.29	73349.80	–	–	428.17	171.29	73340.55	428.17	73340.55
20	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, machine mixd, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	5.46	6400.00	34944.00	–	–	5.46	6400.00	34944.00	5.46	34944.00

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
21	KSRB 5.3-3: Providing and constructing granite/trap/basalt size stone masonary in basement with cement mortat 1:6, edges of stones chistle dressed in courses not less than 15cm high, bond stones at 2m apart in each course including cost of mterials, labour, scaffolding, curing complete as per specifications. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	19.66	4650.00	91400.40	–	–	19.66	4650.00	91400.40	19.66	91400.40
22	KSRB 4-1.7 Providing and laying in position plain cement concrete of nominal mix M15 for coping concrete using cement @ 220kgs, with 20mm and down size graded metal coarse aggregate @ 0.84 cum and fine aggregates @ 0.56 cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specifications No. KBS 4.1, 4.2 as directed by the Engineer and as per detailed tender specifications.etc., complete. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	2.46	5300.00	13022.10	–	–	2.46	5300.00	13038.00 13022.10	2.46	13038.00 13022.10
23	Providing granite slabs of selected qualitynroughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5cm thick with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	1053.00	700.00	737100.00	–	–	1052.85	700.00	736995.00	1052.85	736995.00
24	Pre-cast Drain Cover Slab {size 1.5x0.6x0.1}:- Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per doiirections of the Enineer-in-charge with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	631.80	1700.00	1074060.00	–	–	631.71	1700.00	1073907.00	631.71	1073907.00

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
25	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc. complete as per the directions of the Engineer In Charge.(1.50 x 0.45 x 0.25)	Sqm	54.60	5000.00	273000.00	_	_	54.60	5000.00	273000.00	54.60	273000.00
26	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	No	1560.00	310.00	483600.00	_	_	1560.00	310.00	483600.00	1560.00	483600.00
27	KSRRB M800-6. Painting two coats on New Concrete Surface:-Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces complete as per specifications. On Kerb Stone with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	280.80	66.00	18532.80	_	_	280.76	66.00	18530.16	280.76	18530.16
28	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(P-24/5.2.2) SR 2016-17	Sqm	280.80	980.65	275366.52	_	_	280.76	980.65	275327.29	280.76	275327.29
	Grand Total				**9539944.75**					**9535963.74**		**9535963.74**

95,32,426.27 95,32,426.27

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore